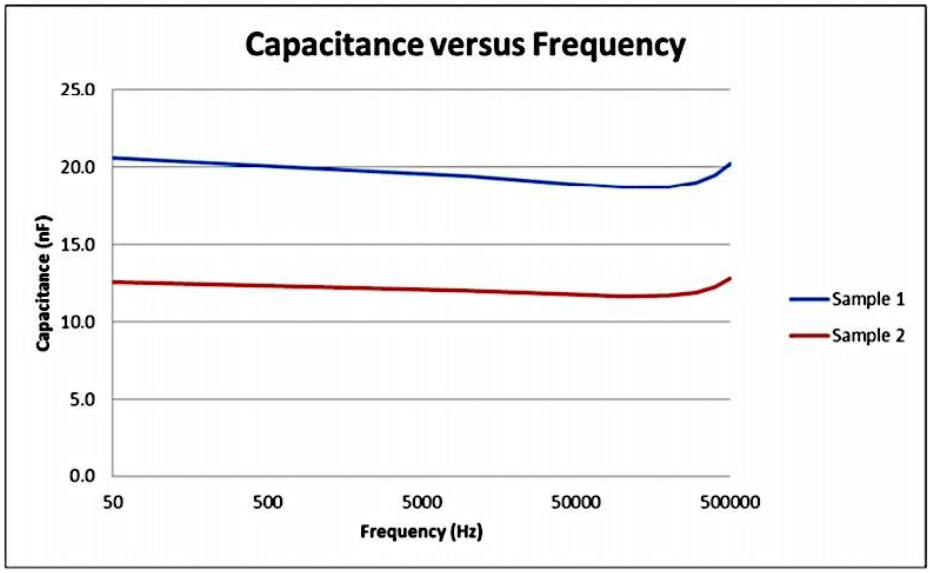

Sample ID	dc voltage		
	500Vdc	1500Vdc	3000Vdc
Sample #3 (4 layers, S/N #EE4L03)	1.20nF	1.14nF	1.14nF
Sample #4 (8 layers, S/N #EE8L01)	2.30nF	2.23nF	2.42nF
Sample #5 (16 layers, S/N #EE16L03)	5.35nF	5.31nF	5.45nF
Used equipment: ViTREK 951i electrical safety compliance analyzer. Measured uncertainty: Capacitance ±0.25%. Room temperature: 20.4°C. Relative humidity: 30.7%.			

Test #5: CAPACITANCE AND DISSIPATION FACTOR AT TEMPERATURE
(@1kHz, 1Vrms)

Sample ID	Temperature					
	-20°C		20°C		65°C	
	Cap	DF	Cap	DF	Cap	DF
Sample #3 (4 layers, S/N #EE4L03)	767.8pF	2.812%	811.9pF	2.586%	962.5pF	6.234%
Sample #4 (8 layers, S/N #EE8L01)	1.513nF	5.354%	1.613nF	4.335%	1.698nF	4.015%
Sample #5 (16 layers, S/N #EE16L03)	3.992nF	1.962%	4.170nF	1.376%	4.493nF	1.914%
Used equipment: Keysight E4980A precision LCR meter and Delta 9023 environmental chamber. Measured uncertainty: C and DF ±0.1%; Temperature ±0.2°C. Room temperature: 20.0°C. Relative humidity: 32.3%.						